

EXPRESS MAIL LABEL NO. EL743811362US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicants: Rui Sousa, et al.  
Serial No.: --  
Filed: Herewith  
Title: METHODS FOR USING MUTANT RNA POLYMERASES WITH  
REDUCED DISCRIMINATION BETWEEN NON-CANONICAL  
AND CANONICAL NUCLEOSIDE TRIPHOSPHATES  
Art Unit: --  
Examiner: --  
Attorney Docket: 310307.90061

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. 1.98, Applicants in the above-identified patent application wish to bring to the attention of the Examiner the information listed on the enclosed Form PTO-1449 for consideration in connection with the examination on the merits of this patent application. As this information was either previously submitted to, or cited by, the Office, in related cases Serial Nos. 08/713,331 and 09/643,189, Applicants have not provided copies of the documents.

U.S. Patents

Mullis, et al.; 4,683,195; July 28, 1987.

Other Documents

"Probe Amplifier System Based on Chimeric Cycling Oligonucleotides,"  
Biotechniques 9(2):142-146, 1990.

W.M. Barnes, "DNA Sequencing by Partial Ribosubstitution," J. Mol. Biol. 119:83-99, 1978.

E.T. Butler and M.J. Chamberlin, "Bacteriophage SP6-specific RNA Polymerase," J. Biol. Chem. 257(10):5772-5778, 1982.

C. Cazenave, et al., "RNA template-directed RNA synthesis by T7 RNA polymerase," PNAS 91:6972-6976, 1994.

D.H. Jones and B.H. Howard, "A Rapid Method for Recombination and Site-Specific Mutagenesis by Placing Homologous Ends on DNA Using Polymerase Chain Reaction," Biotechniques 10(1):62-66, 1991.

G.A. Kassavetis, et al., "Bacteriophage SP6-specific RNA Polymerase," J. Biol. Chem. 257(10):5779-5788, 1982.

D.A. Kostyuk, et al., "Mutants of T7 RNA polymerase that are able to synthesize both RNA and DNA," FEBS Letters 369:165-168, 1995.

H. Kotani, et al., "Nucleotide sequence and expression of the cloned gene of bacteriophage SP6 RNA polymerase," Nucl. Acids Res. 15(6):2653-2664, 1987.

R. Sousa and R. Padilla, "A mutant T7 RNA polymerase as a DNA polymerase," EMBO J. 14(18):4609-4621, 1995.

E. Uhlmann, et al., "Antisense oligonucleotides: A new therapeutic principle," Chem. Rev. 90:543-593, 1990.

A. Wolfgang, et al., "Kinetic characterization of ribonuclease-resistant 2'-modified hammerhead ribozymes," Science 253:314-317, 1991.

Kostyuk et al., "Mutants of T7 RNA polymerase that are able to synthesize both RNA and DNA", FEBS Letters, Vol. 369, pages 165-168, 1995.

Sousa et al., "A mutant T7 RNA polymerase as a DNA polymerase", The EMBO Journal, Vol. 14, No. 18, pages 4609-4621, 1995.

No fees are believed necessary to enter this statement. However, if any fees are necessary please charge Deposit Account 17-0055.

Respectfully submitted,

Rui Sousa, et al.

September 27, 2001

By: 

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